



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Tuller et al. GROUP: Unknown  
SERIAL NO: 10/646,098 EXAMINER: Unknown  
FILED: 08/22/2003  
FOR: STABILIZED TITANATE THIN FILM STRUCTURES

Mail Stop DD  
Commissioner of Patents  
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**INFORMATION DISCLOSURE STATEMENT**

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The listed documents were recently cited in a corresponding PCT application, and a copy of the International Search Report is being submitted herewith for purposes of convenience.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Mail Stop DD, Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

FEB 02 2004

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,103,008	08/15/2000	McKee et al.			07/30/1998
	AB	4,019,915	04/26/1977	Miyauchi et al.			10/21/1974
	AC						
	AD						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AE						
	AF						
	AG						

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AH	"Temperature dependence of electromechanical properties and strain in barium titanate hafnate transducers," Tawfik et al. <i>Journal of Materials Science Letters</i> . 1986. p. 305-306.
	AI	"Piezoelectric Ceramics," <i>Piezoelectric Ceramics, Non-Metallic Solids</i> . London. Academic Press. GB. Vol. 3, pages 53-114.
	AJ	"Piezoelectric properties of zirconium-doped barium titanate single crystals grown by templated grain growth," Rehrig et al. <i>Journal of Applied Physics</i> . Vol. 86, No. 3. August 1999.
	AK	
	AL	
	AM	

EXAMINER

DATE CONSIDERED

**EXAMINER:**

**Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**